



IFWO

## RAW SEQUENCE LISTING

DATE: 07/27/2004

PATENT APPLICATION: US/10/799,897A

TIME: 16:59:03

Input Set : N:\AMC\US10799897A.raw

Output Set: N:\CRF4\07272004\J799897A.raw

C--> 1 <110> APPLICANT: Clark Pan  
 2 Steve Roczniak  
 3 <120> TITLE OF INVENTION: VPAC1 SELECTIVE ANTAGONISTS AND THEIR  
 4 PHARMACOLOGICAL METHODS OF USE  
 5 <130> FILE REFERENCE: MSB-7306  
 6 <140> CURRENT APPLICATION NUMBER: US/10/799,897A  
 7 <141> CURRENT FILING DATE: 2004-03-12  
 8 <160> NUMBER OF SEQ ID NOS: 6  
 9 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 13 <212> TYPE: PRT  
 14 <213> ORGANISM: Vasoactive Intestinal Peptide  
 15 <220> FEATURE:  
 16 <221> NAME/KEY: AMIDATION  
 17 <222> LOCATION: 28  
 18 <400> SEQUENCE: 1  
 19 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
 20 1 5 10 15  
 21 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn  
 22 20 25  
 24 <210> SEQ ID NO: 2  
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 26 <212> TYPE: PRT  
 27 <213> ORGANISM: Growth Hormone Releasing Hormone  
 28 <220> FEATURE:  
 29 <221> NAME/KEY: AMIDATION  
 30 <222> LOCATION: 29  
 31 <400> SEQUENCE: 2  
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 33 1 5 10 15  
 34 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg  
 35 20 25  
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 40 <213> ORGANISM: PACAP27  
 41 <220> FEATURE:  
 42 <221> NAME/KEY: AMIDATION  
 43 <222> LOCATION: 27  
 44 <400> SEQUENCE: 3  
 45 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln  
 46 1 5 10 15



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47      Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu
48              20              25
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53 <213> ORGANISM: R2P3
54 <220> FEATURE:
55 <221> NAME/KEY: ACETYLATION
56 <222> LOCATION: 1
57 <220> FEATURE:
58 <221> NAME/KEY: VARIANT
59 <222> LOCATION: 2
60 <223> OTHER INFORMATION: D-Phenylalanine
61 <220> FEATURE:
62 <221> NAME/KEY: AMIDATION
63 <222> LOCATION: 28
64 <400> SEQUENCE: 4
65      His Phe Asp Ala Val Phe Thr Asn Ser Tyr Arg Lys Val Leu Lys Arg
66          1              5              10              15
67      Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Leu Cys
68          20              25
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72 <212> TYPE: PRT
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77 <220> FEATURE:
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80 <223> OTHER INFORMATION: D-Phenylalanine
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85      His Phe Asp Ala Val Phe Thr Asn Ser Tyr Arg Lys Val Leu Lys Arg
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97 <220> FEATURE:
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Input Set : N:\AMC\US10799897A.raw

Output Set: N:\CRF4\07272004\J799897A.raw

99 &lt;222&gt; LOCATION: 2

100 &lt;223&gt; OTHER INFORMATION: D-Phenylalanine

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102 &lt;221&gt; NAME/KEY: AMIDATION

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104 &lt;400&gt; SEQUENCE: 6

105 His Phe Asp Ala Val Phe Thr Asn Ser Tyr Arg Lys Val Leu Lys Arg

106 1 5 10 15

107 Leu Ser Ala Arg Lys Leu Leu Gln Ser Ile Leu

108 20 25

VERIFICATION SUMMARY

DATE: 07/27/2004

PATENT APPLICATION: US/10/799,897A

TIME: 16:59:04

Input Set : N:\AMC\US10799897A.raw

Output Set: N:\CRF4\07272004\J799897A.raw

L:6 M:270 C: Current Application Number differs, Wrong Format